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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known	
Application Number	10/723083-Conf. #5920
Filing Date	November 26, 2003
First Named Inventor	Illimar ALTOSAAR
Art Unit	1638
Examiner Name	Elizabeth F. McElwain
Attorney Docket Number	0109144.00143US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-5,677,474	10-14-1997	Rogers, J. C.	ALL
	A2	US-5,889,189	03-30-1999	Rodriguez, R. L.	ALL

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
EM	C1	Aoyama and Chua, "A glucocortocoid-mediated transcriptional induction system in transgenic plants," The Plant Journal Vol. 11, No. 3, pp. 605-612 (1997)	
	C2	Brandstatter, I. and Kieber, J.J., "Two genes with similarity to bacterial response regulators are rapidly and specifically induced by cytokinin in Arabidopsis," The Plant Cell Vol. 10, pp. 1009-1019 (1998)	
	C3	Burgess, A.W., et al. "Purification and properties of bacterially synthesized human granulocyte-macrophage colony stimulating factor," Blood, Vol. 69, pp. 43-51 (1987).	
	C4	Caddick et al, "An ethanol inducible gene switch for plants used to manipulate carbon metabolism," Nature Biotech. Vol. 16, pp. 177-180 (1998)	
	C5	Cantrell, M.A., et al. "Cloning, sequence, and expression of a human granulocyte/macrophage colony-stimulating factor," Proc Natl Acad Sci USA Vol. 82, pp. 6250-6254 (1985).	
	C6	Cheng, X et al., "Rice transformation by Agrobacterium infection," In: Recombinant Proteins from Plants: Production and Isolation of Clinically Useful Compounds. (eds. C. Cunningham and A.J.R. Porter) Humana Press, pp. 1-9 (1998)	
	C7	Cheng et al., "Agrobacterium-transformed rice plants expressing synthetic CrylA(b) and CrylA(c) genes are highly toxic to striped stem borer and yellow stem borer," Proc Natl Acad Sci USA Vol. 95, pp. 2767-2772 (1998)	
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	C9	Ernst, J.F., et al. "O-glycosylation and novel processing events during secretion of alpha-factor/GM-CSF fusions by Saccharomyces cerevisiae," Bio/Technology, Vol. 5, pp. 831-834 (1987).	
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Art Unit	1638
Examiner Name	Elizabeth F. McElwain
Attorney Docket Number	0109144.00143US1

	C11	Jaeger, G.D, et al. "Boosting heterlogous protein production in transgenic dicotyledonous seeds using Phaseolus vulgaris regulatory sequences," Nature biotechnology, Vol. 20, pp. 1265-1268 (2002).	
	C12	James, E.A., et al., "Production and characterization of biologically active human GM-CSF secreted by genetically modified plant cells," Protein Express Purif, Vol. 19, pp. 131-138 (2000).	
	C13	Kakimoto, T., "CKI1, a histidine kinase homolog implicated in cytokinin signal transduction," Science, Vol. 274, pp. 982-985 (1996)	
	C14	Kaushansky, K., et al. "Role of carbohydrate in the function of human granulocyte-macrophage colony-stimulating factor," Biochemistry Vol. 26, pp. 4861-4867 (1987).	
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	C19	Murray et al., "Codon usage in plant genes," Nuc Acids Res. Vol. 17, pp. 477-498 (1989)	
	C20	Okamoto, M., et al. "Amplification and high-level expression for human granulocyte-macrophage colony-stimulating factor in human lymphoblastoid Namalwa cells," Bio/Technology, Vol. 8, pp. 550-553 (1990).	
	C21	Quesniaux and Jones. "Granulocyte-macrophage colony-stimulating factor," In: The Cytokine Handbook, (ed. Angus T.W.) Academic Press pp. 637-670 (1998).	
	C22	Saalbach, I., et al. "High-level expression of a single-chain Fv fragment (scFv) antibody in transgenic pea seeds." J. Plant Physiol. Vol. 158, pp. 529-533 (2001).	
	C23	Salter et al, "Characterisation of the ethanol-inducible alc gene expression system for transgenic plants," The Plant Journal Vol. 16, No. 1, pp. 127-132 (1998)	
	C24	Sardana et al., "Construction and rapid testing of synthetic and modified toxin gene sequences CryIA (b&c) by expression in maize endosperm culture," Plant Cell Reports Vol. 15, pp. 677-681 (1996)	
	C25	Sardana R, et al. "Biological activity of human granulocyte macrophage colony stimulating factor is maintained in a fusion with seed glutelin peptide," Transgenic Research Vol. 11, No. 5, pp. 521-531 (2002).	
	C26	Stoger, E., et al. "Cereal crops as viable production and storage systems for pharmaceutical ScFv antibodies," Plant Mol Biol., Vol. 42, pp. 583-590 (2000).	
	C27	Tobias et al., "The N-end rule in bacteria," Science, Vol. 254, pp. 1374-1377 (1991)	
	C28	Ulmasov, T., et al., "Aux/IAA proteins repress expression of reporter genes containing natural and highly active synthetic auxin response elements," The Plant Cell, Vol. 9, pp. 1963-1971 (1997)	
	C29	Varshavsky, "The N-end rule: functions, mysteries, uses," Proc. Natl. Acad. Sci USA, Vol. 93, pp. 12142-12149 (1996)	
	C30	Vitale, A., et al., "The role of endoplasmic reticulum in protein synthesis, modification and intracellular transport," Journal of Experimental Botany, Vol. 44, No. 266, pp. 1417-1444 (1993).	
	C31	Wong, G.G., et al. "Human GM-CSF: Molecular cloning of the complementary DNA and purification of the natural and recombinant proteins," Science, Vol. 228, pp. 810-815 (1985).	

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Sheet	3	of	3	Attorney Docket Number	0109144.00143US1

EM	C32	Zheng, Z., et al. "5'distal and proximal cis-acting regulator elements are required for developmental control of a rice seed storage protein glutelin gene," The Plant Journal, Vol. 4, No. 2, pp. 357-366 (1993).	
EM	C33	Zheng, Z.W., et al. "The bean seed storage protein beta-phaseolin is synthesized, processed, and accumulated in the vacuolar type-II protein bodies of transgenic rice endosperm," Plant Physiol Vol. 109, pp. 777-786 (1995).	

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